

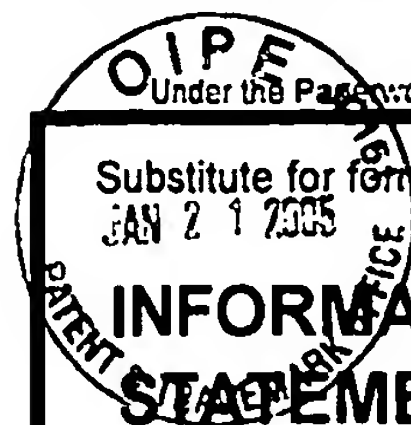
Please type a plus sign (+) inside this box →



PTO/SB/08A (08-00)

Approved for use through 10/31/2002. OMB 0851-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.



Substitute for form 1449B/PTO

JAN 21 2005

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet

1

of

1

Complete if Known

Appl. No. & Conf. No.

10/667,632

Filing Date

9/22/2003

First Named Inventor

Lou et al.

Group Art Unit

Examiner Name

Attorney Docket Number

MP0318

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
/KT/	A	"802.16 IEEE Standard for Local and Metropolitan Area Networks; Part 16: Air Interface for Fixed Broadband Wireless Access Systems," 802.16 IEEE Standard for Local and Metropolitan Area Networks, October 1, 2004, pp. i-xxxiv and pp. 1-857, IEEE Std 802.16-2004, IEEE, United States	

Examiner
Signature

/Khai Tran/

Date
Considered

03/26/2007

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Unique citation designation number. ²Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231



FORM HDP-1449 (Based on Form PTO-1449)

**PATENT AND TRADEMARK OFFICE
INFORMATION DISCLOSURE CITATION**

(Use several sheets if necessary)

Sheet 1 of 1

ATTORNEY DOCKET No.

MP0318

SERIAL No.

To Be Assigned

APPLICANT

Lou, Hui-Ling, et al.

FILING DATE

09/22/2003

GROUP

To Be Assigned

U.S. PATENT DOCUMENTS

Ref. Desig.	Examiner's Initials	Document Number	Date	Name	Class/ Subclass	(If appropriate) Filing Date
1.						

FOREIGN PATENT DOCUMENTS

Ref. Desig.	Examiner's Initials	Document Number	Date	Country	Class/ Subclass	Translation Yes No	
1.							

OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, etc.)

Ref. Desig.	Examiner's Initials	
1.	/KT/	IEEE Standard 802.11a (1999; 91 pages); Supplement to IEEE Standard for Information Technology; Telecommunications and Information Exchange Between Systems; Local and Metropolitan Area Networks; Specific Requirements; Part 11: Wireless LAN Medium Access Control (MAC) and Physical Layer (PHY) Specifications; High-Speed Physical Layer in the 5 GHz Band; Adopted by the ISO/IEC and redesignated as ISO/IEC 8802-11:1999/Amd 1:2000(E).

Examiner:

/Khai Tran/

Date Considered:

03/26/2007

EXAMINER: Please initial if citation considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM HDP-1449 (Based on Form PTO-1449) PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE CITATION (Use several sheets if necessary) Sheet 1 of 2	ATTORNEY DOCKET No.		SERIAL No.
	MP0318		To Be Assigned
	APPLICANT		
	Lou, Hui-Ling et al..		
	FILING DATE	GROUP	
Herewith		To Be Assigned	

U.S. PATENT DOCUMENTS						
Ref. Desig.	Examiner's Initials	Document Number	Date	Name	Class/ Subclass	(If appropriate) Filing Dat
1.	/KT/	6,177,906	01/23/2001	Petrus		
2.	/KT/	6,301,293	10/09/2001	Huang et al.		
3.	/KT/	6,393,073	05/21/2002	Eilts		
4.	/KT/	6,522,683	02/18/2003	Smee et al.		

FOREIGN PATENT DOCUMENTS						
Ref. Desig.	Examiner's Initials	Document Number	Date	Country	Class/ Subclass	Translation Yes No
1.	/KT/	EP1119146A2	25-07-2001	Europe		

OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, etc.)		
Ref. Desig.	Examiner's Initials	
1.	/KT/	"Part 16: Air Interface for Fixed Broadband Wireless Access Systems - Medium Access Control Modifications and Additional Physical Layer Specifications for 2-11 GHz", P802.16a/D6-2002, Draft Amendment to IEEE Standard for Local and Metropolitan Area Networks, 2002-10-27, pp. 1-309.
2.	/KT/	Lou/Cheong/Shirali/Narasimhan, "On division-free frequency domain equalization and Viterbi decoding using channel state information" March 8, 2002, pp. 1-18.
3.	/KT/	Siavash M. Alamouti, "A Simple Transmit Diversity Technique for Wireless Communications", IEEE Journal on Select Areas in Communications, Vol. 16, No. 8, October 1998, pp. 1451-1458.
4.	/KT/	Tarokh/Jafarkhani/Calderbank, "Space-Time Block Codes from Orthogonal Designs", IEEE Transactions on Information Theory, Vol. 45, No. 5, July 1999, pp. 1456-1467.

Examiner:	/Khai Tran/	Date Considered:	03/26/2007
-----------	-------------	------------------	------------

EXAMINER: Please initial if citation considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM HDP-1449 (Based on Form PTO-1449) PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE CITATION (Use several sheets if necessary) Sheet 2 of 2	ATTORNEY DOCKET NO.	SERIAL NO.
	MP0318	To Be Assigned
	APPLICANT	
	Lou, Hui-Ling et al.	
	FILING DATE	GROUP
	Herewith	To Be Assigned

OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, etc.)		
Ref. Desig.	Examiner's Initials	
5.	/KT/	Tarokh/Jafarkhani/Calderbank, "Space-Time Block Coding for Wireless Communications: Performance Results", IEEE Journal on Selected Areas in Communications, Vol. 17, No. 3, March 1999, pp. 451-460.

Examiner:	/Khai Tran/	Date Considered:	03/26/2007
-----------	-------------	------------------	------------

EXAMINER: Please initial if citation considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.